

1    **Claims**

- 2    1. A recliner comprising a seat, a backrest pivotally installed on the seat  
3        between a high position and a low position, a stool movably installed  
4        on the seat between a withdrawn position and an extended position, a  
5        first mechanism for two-way pivotal of the backrest and one-way  
6        movement of the stool and a second mechanism for two-way pivotal  
7        of the stool.
- 8    2. The recliner according to claim 1 wherein the seat includes a frame.
- 9    3. The recliner according to claim 2 wherein the backrest includes two  
10       levers rotationally installed on the frame and connected with the first  
11       mechanism, and the stool includes two linkages pivotally installed on  
12       the frame and connected with the first and second mechanisms.
- 13   4. The recliner according to claim 3 wherein the telescopic element is a  
14       hydraulic cylinder.
- 15   5. The recliner according to claim 3 wherein the first mechanism  
16       includes a handle pivotally installed on the frame, a linkage connected  
17       between the handle and one of the levers and a telescopic element  
18       connected between the linkage thereof and one of the linkages of the  
19       stool.
- 20   6. The recliner according to claim 5 wherein the linkage of the first  
21       mechanism includes a first link non-rotationally connected with the  
22       handle and connected with the telescopic element and a second link  
23       connected between the first link and one of the levers.
- 24   7. The recliner according to claim 3 wherein the first mechanism  
25       includes a crossbar rotationally installed on the frame, a handle  
26       secured to the crossbar, two linkages each connected between the

1 crossbar and corresponding one of the levers and a telescopic element  
2 connected between one of the linkages thereof and one of the linkages  
3 of the stool.

4 8. The recliner according to claim 7 wherein each of the linkages of the  
5 first mechanism includes a first link secured to the crossbar and  
6 linked to the telescopic element and a second link connected between  
7 the first the first link and corresponding one of the levers.

8 9. The recliner according to claim 3 wherein the second mechanism  
9 includes a handle pivotally installed on the frame and a linkage  
10 connected between the handle and one of the linkages of the stool.

11 10. The recliner according to claim 9 wherein the linkage of the second  
12 mechanism includes a first link non-rotationally connected with the  
13 handle and a second link connected between the first link and  
14 corresponding one of the linkages of the stool.

15 11. The recliner according to claim 3 wherein the second mechanism  
16 includes a crossbar rotationally installed on the frame, a handle  
17 secured to the crossbar and two linkages connected between the  
18 crossbar and one of the linkages of the stool.

19 12. The recliner according to claim 13 wherein each of the linkages of the  
20 second mechanism includes a first link secured to the crossbar of the  
21 second mechanism and a second link connected between the first link  
22 and corresponding one of the linkages of the stool.

23 13. The recliner according to claim 3 wherein the backrest includes a  
24 crossbar rotationally installed on the frame, and the levers are secured  
25 to the crossbar.

26 14. The recliner according to claim 3 wherein the stool includes a

1 crossbar rotationally installed on the frame, and each of the linkages  
2 includes a first link secured to the crossbar of the stool.

3 15. The recliner according to claim 14 wherein each of the linkages of the  
4 stool includes a second link pivotally connected with the first link, a  
5 third link pivotally connected with the frame and a fourth link  
6 pivotally connected with the third link and a bracket pivotally  
7 connected with both of the third link and the fourth link.

8 16. The recliner according to claim 15 wherein each of the linkages of the  
9 stool includes a bracket pivotally connected with both of the third link  
10 and the fourth link for carrying a stool plate.

11 17. The recliner according to claim 16 wherein the stool further includes  
12 a spring connected between the crossbar thereof and the frame.

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